



12-29-05

1FW/B

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Donald H. Stowe, Jr. : Patent Application
Ward S. Blakefield :
Serial No.: 10/756,956 : **A Method for Reducing the**
Filing Date: January 14, 2004 : **Amount of a Pollutant in a Flue**
Examiner: Kenneth Rinehart : **Gas Resulting from the**
Confirmation No.: 3775 : **Combustion of a Fossil Fuel**
Attorney Docket No.: 030035
Art Unit: 3749

Reply to Notice of Draftsperson's Patent Drawing Review Objection

Official Draftsperson
Drawing Review Branch
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

December 28, 2005

Dear Official Draftsperson:

This is in reply to the objection to the drawings dated December 29, 2004 on Form PTO 948. A copy of PTO 948 is enclosed. PTO 948 indicates that Figures 1 and 2 were objected to because lines, numbers and letters were not uniformly thick and well defined, clean, durable, and black. Figures 1 and 2 were additionally objected to because the number and reference characters were not plain and legible and the figure legends were poor. Figure 1 was objected to because the top and left margins were not acceptable.

Enclosed is a replacement sheet for Figure 1 and 2.

Respectfully submitted,

I hereby certify that this correspondence is being deposited in the United States Postal Service as Express Mail No. US 637 260 623 US in an envelope addressed to: Official Draftsperson, Drawing Review Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 28, 2005 by Marci McCarthy

Signature *Marci McCarthy*
Paul A. Beck & Associates, P.C.

John C. Thomas III / 12-28-05
John C. Thomas, III
Registration No. 52,282
Paul A. Beck & Associates, P.C.
Suite 100
1575 McFarland Road
Pittsburgh, PA 15216-1808
Telephone (412) 343-9700
Fax (412) 343-5787
Customer No. 09961

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 1-14-04 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. **DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

- ☐ Color drawings are not acceptable until petition is granted. Fig(s) _____
☐ Pencil and non black ink not permitted. Fig(s) _____

2. **PHOTOGRAPHS.** 37 CFR 1.84(b)

- ☐ One (1) full-tone set is required. Fig(s) _____
☐ Photographs may not be mounted. 37 CFR 1.84(e)
☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____
☐ Poor quality (half-tone). Fig(s) _____

3. **TYPE OF PAPER.** 37 CFR 1.84(e)

- ☐ Paper not flexible, strong, white, and durable. Fig(s) _____
☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____

4. **SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

- ☐ 21.0 cm by 29.7 cm (DIN size A4) or
☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
☐ All drawing sheets not the same size. Sheet(s) _____

☐ Drawings sheets not an acceptable size. Fig(s) _____

5. **MARGINS.** 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

- ☒ Margins not acceptable. Fig(s) _____
☒ Top (T) ☒ Left (L)
☐ Right (R) ☐ Bottom (B)

6. **VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

- ☐ Views not labeled separately or properly. Fig(s) _____

7. **SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

- ☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. **ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

- ☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. **SCALE.** 37 CFR 1.84(k)

- ☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____

10. **CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

- ☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1, 2

11. **SHADING.** 37 CFR 1.84(m)

- ☐ Solid black areas pale. Fig(s) _____
☐ Solid black shading not permitted. Fig(s) _____

12. **NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

- ☒ Numbers and reference characters not plain and legible. Fig(s) 1, 2
☒ Figure legends are poor. Fig(s) 1, 2
☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____

- ☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____

13. **LEAD LINES.** 37 CFR 1.84(q)

- ☐ Lead lines missing. Fig(s) _____

14. **NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

- ☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____

15. **NUMBERING OF VIEWS.** 37 CFR 1.84(u)

- ☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. **DESIGN DRAWINGS.** 37 CFR 1.152

- ☐ Surface shading shown not appropriate. Fig(s) _____
☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENTS:

Reviewer S. F. Zelle

If you have questions, call (703) 305-8404.

Date 12-29-04

Attachment to Paper No. _____

BEST AVAILABLE COPY